

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peter Thoma and Emmerich Mueller

SERIAL No. Unassigned

EXAMINER: Unassigned

FILED: Herewith

GROUP No.: Unassigned

TITLE: LINEAR CAVITY TUNABLE LASER

Attorney Docket No.: 20 01 0575

Box Patent Application
Commissioner for Patents
Washington, D.C. 20231

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February 12, 2002 (Date of Deposit).

Allison Berkman

Name

Allison Berkman
Signature

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the application as follows:

In The Abstract

Please amend the abstract as follows:

a'
A laser source includes a laser medium having a back facet and a front surface, whereby the laser medium is adapted to emit a laser beam through the front surface into an external cavity defined in length by a cavity end mirror reflecting the laser beam back towards the laser medium. A wavelength tunable filter is arranged between the laser medium and the cavity end mirror adapted for tuning the wavelength of the laser beam. The laser medium, the wavelength tunable filter, and the cavity end mirror are arranged in a spatially linear cavity

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D. Scott
7-12-02